

Application No.: 10/817,259
Amdt dated: July 11, 2007
Reply to Office action of April 11, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A surgical clip adapted for use in holding a suture, comprising:

a housing having an outer surface;

a pair of jaws extending longitudinally from the housing in an opposing relationship with each other;

a resilient pad carried by one of the jaws and defining with the outer surface of the housing a cavity; and

at least one rib extending longitudinally of the housing and across the cavity to inhibit passive of the suture into the cavity, the resilient pad is molded onto the one of the jaws and the at least one rib.

2. (Original) The surgical clip recited in Claim 1, wherein the pad has a proximal end wall which defines the cavity with the outer surface of the housing.

3. (Original) The surgical clip recited in Claim 1, wherein:
the one jaw has a proximal end and a distal end; and
the rib has a height measured perpendicular to the one jaw, which decreases with progressive distal positions along the one jaw.

4. (Currently amended) The surgical clip recited in Claim 1, wherein the at least one rib comprises a first rib and a second rib and the pad is molded onto the one jaw and extends between the at least one first rib and the second rib, separating the first and second ribs.

5. (Currently amended) The surgical clip recited in ~~Claim 4~~ Claim 3, wherein:
the opposing jaws have an open position and a closed position, and the clip further comprises:

a spring parallel to the height of the rib and disposed in the housing and having properties for biasing the opposing jaws to the closed position.

6. (Currently amended) A surgical clip adapted for use in holding a suture, comprising:

a housing formed by an inner member and an outer member having a telescoping relationship;

a first jaw extending from the inner member outwardly of the housing and having a first inner surface;

a second jaw extending from the outer member outwardly of the housing and having a second inner surface;

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the jaws being movable between an open position and a closed position in an opposing relationship with the first surface of the first jaw facing the second surface of the second jaw;

at least one first rib extending from the first surface of the first jaw toward the second surface of the second jaw; and

at least one second rib extending from the second surface of the second jaw toward the first surface of the first jaw; and

a resilient pad covering the at least one second rib.

7. (Original) The surgical clip recited in Claim 6, wherein the at least one first rib of the first jaw is offset from the at least one second rib of the second jaw.

8. (Original) The surgical clip recited in Claim 6, wherein the at least one first rib has a dimension measured perpendicular to the first surface that is at a maximum in proximity to the inner member of the housing.

9. (Currently amended) The surgical clip recited in Claim 8, wherein the first rib has a height which decreases with progressive positions along the first jaw and a width perpendicular to the height which decreases with progressive positions along the first jaw.

10. (Original) The surgical clip recited in Claim 7, wherein:

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the at least one first rib comprises a single first rib; and
the at least one second rib comprises a pair of second ribs each laterally offset from the single first rib when the jaws are in the closed position.

11. (Original) The surgical clip recited in Claim 8, wherein the at least one second rib comprises a single second rib; and
the at least one first rib comprises a pair of first ribs each laterally offset from the single second rib when the jaws are in the closed position.

12. (Original) The surgical clip recited in Claim 6 wherein:
the at least one first rib is integral with the inner member of the housing;
and
the at least one second rib is integral with the outer member of the housing.

Claim 13 (Canceled).

14. (New) A surgical clip adapted for use in holding a suture, comprising:
a housing having an outer surface;
a first jaw connected to the housing and having a first planar surface extending from the outer surface of the housing along the first jaw;

a second jaw connected to the housing in an opposing relationship to the first jaw and having a second planar surface facing towards the first planar surface;

a rib extending out from the second planar surface towards the first planar surface; and

a pad attached to the second planar surface having a first portion extending from the rib along the second planar surface and a second portion extending from the outer surface of the housing adjacent to the rib to the first portion of the pad, the second portion of the pad having a width smaller than a width of the first portion of the pad.

15. (New) The surgical clip recited in claim 14 wherein the rib is a first rib and further comprising a second rib extending out from the first planar surface towards the second planar surface, the second rib aligned over the second portion of the pad.

16. (New) The surgical clip recited in claim 15 wherein the pad is a first pad and further comprising a second pad attached to the first planar surface extending along the first planar surface and covering over the second rib.

17. (New) The surgical clip recited in Claim 14 wherein the rib is a first rib and further comprising a second rib extending out from the second planar surface towards the first planar surface and next to the first rib, the second portion of the pad extending between the first rib and the second rib.

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18. (New) The surgical clip recited in claim 17 further comprising a third rib extending out from the first planar surface towards the second planar surface, the third rib aligned over the second portion of the pad.

19. (New) The surgical clip recited in claim 18 wherein the pad is a first pad and further comprising a second pad attached to the first planar surface extending along the first planar surface and covering over the third rib.

20. (New) The surgical clip recited in claim 19 wherein the first pad and second pad abuts the outer surface of the housing.